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**Small screw for stabilising spine segments - has retention part as hollow, segmental support for two nuts of matching contour**

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**Patent Family (1 patent, 1 country)**

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**Patent Details**

Patent Number	Kind	Language	Pages	Drawings	Filing Notes
DE 3711013	C	DE	5	8	

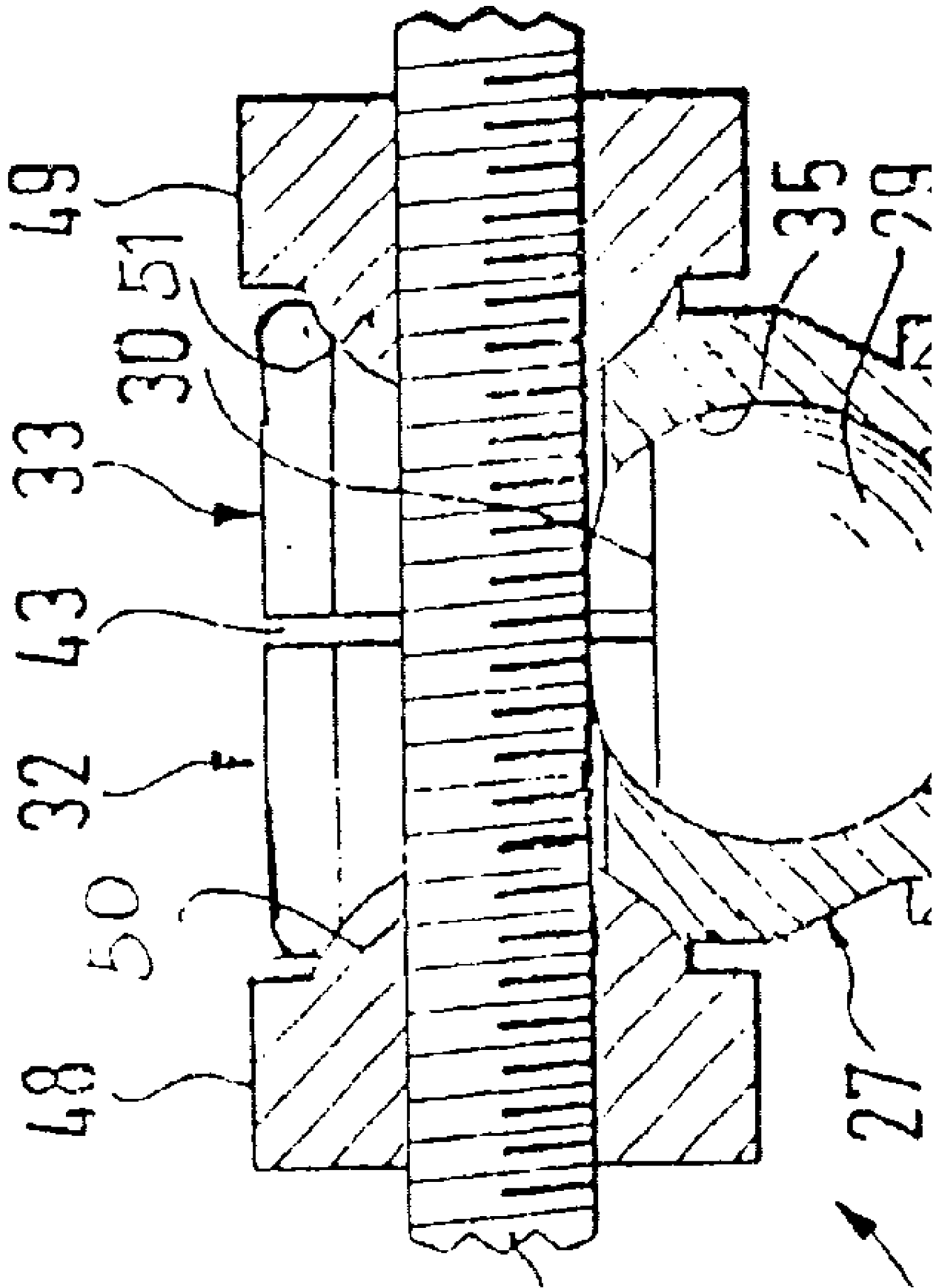
**Alerting Abstract:** DE C

The stabilising screw (26) has a spherical head (29), gripped between two half-clamps (32,33), which have hemispherical recesses (35) to receive the head . The two half-clamps are pressed against the head by a threaded rod (39) which passes through a slot in each half-clamp.

A nut (48,49) with a hemispherical end face is screwed onto the rod on opposite sides of the clamp. Each half-clamp has a hemispherical recess to receive the hemispherical end face of the nut.

ADVANTAGE - Easy insertion and permanent unit securing in the retainer.

**Main Drawing Sheet(s) or Clipped Structure(s)**



**International Patent Classification**

IPC	Level	Value	Position	Status	Version
A61B-0017/70	A	I		R	20060101
A61B-0017/86	A	I		R	20060101
A61B-0017/68	C	I		R	20060101
A61B-0017/70	C	I		R	20060101

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**\*\*Pedikelschraube\*\***

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Current ECLA class: A61B-17/70B4 A61B-17/86A

Claim: \* 1. Pedikelschraube (\*\*25\*\*) zur Stabilisierung von Wirbelsaulensegment en, mit einem Gewindeschafteil (\*\*26\*\*) und einem kopfseitig vorgesehe nen Aufnahmeteil (\*\*27\*\*) fur eine Stange (\*\*39\*\*), wobei die Stange (\* 39) und das Aufnahmeteil (\*\*27\*\*) durch zwei an dem Aufnahmeteil (\*\* 27\*\*) angreifende Muttern fest miteinander verbindbar sind, \*\*dadurch g ekennzeichnet,\*\* dass der jeweilige das Widerlager (\*\*38\*\*) fur die Mut tern bildende Teil des Aufnahmeteiles (\*\*27\*\*) als hohlkugelsegmentform ige Pfanne und der damit in Eingriff bringbare Teil der Mutter als Kuge lsegment mit entsprechendem Radius ausgebildet sind.

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